Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Pre-Measurement : 20/12/2020

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
2	KSRRB 300-1 Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications I No-19.1 P No-144						
		CUM					
	Drain Desilting						
	Main Road LHS						
	CH: 00.00 to 30.00		1	30	0.5	0.15	2.25
	CH: 30.00 to 60.000		1	30	0.5	0.15	2.25
	CH: 60.00to 90.00		1	30	0.5	0.25	3.75
	CH: 90.00 to 120.00		1	30	0.5	0.25	3.75
	CH: 120.00 to 150.00		1	30	0.5	0.2	3.00
	CH: 150.00 to 180.00		1	30	0.5	0.25	3.75
	CH: 180.00 to 210.00		1	30	0.5	0.25	3.75
	CH: 210.00 to 240.00		1	30	0.5	0.25	3.75
	CH: 240.00 to 270.00		1	30	0.5	0.15	2.25
	CH: 270.00 to 300.00		1	30	0.5	0.25	3.75
	CH: 300.00 to 330.00		1	30	0.5	0.25	3.75
	CH: 330.00 to 360.00		1	30	0.5	0.25	3.75
	CH:360.00to 390.00		1	30	0.5	0.25	3.75
	CH: 390.00 to 420.00		1	30	0.5	0.25	3.75
	CH: 420.00 to 450.00		1	30	0.5	0.25	3.75
	CH: 450.00to 480.00		1	30	0.5	0.25	3.75
	CH: 480.00 to 510.00		1	30	0.5	0.3	4.50
	CH: 510.00 to 540.00		1	30	0.5	0.3	4.50
	CH: 540.00 to 570.00		1	30	0.5	0.3	4.50
	CH: 00.00 to 30.00		1	30	0.5	0.15	2.25
	CH: 30.00 to 60.000		1	30	0.5	0.25	3.75
	CH: 60.00to 90.00		1	30	0.5	0.25	3.75
	CH: 90.00 to 120.00		1	30	0.5	0.25	3.75
	CH: 120.00 to 150.00		1	30	0.5	0.25	3.75
	CH: 150.00 to 180.00		1	30	0.5	0.15	2.25
	CH: 180.00 to 210.00		1	30	0.5	0.25	3.75
	CH: 210.00 to 240.00		1	30	0.5	0.25	3.75
	CH: 240.00 to 270.00		1	30	0.5	0.15	2.25
	CH: 270.00 to 300.00		1	30	0.5	0.25	3.75

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A.E.E
20/12/2020

SHRIVA CONSTRUCTION AND CONSULTANCY

	CH: 300.00 to 330.00			1	30	0.5	0.25	3.75
	CH: 330.00 to 360.00			1	30	0.5	0.15	2.25
	CH:360.00to 390.00			1	30	0.5	0.2	3.00
	CH: 390.00 to 420.00			1	30	0.5	0.25	3.75
	CH: 420.00 to 450.00			1	30	0.5	0.2	3.00
	CH: 450.00to 480.00			1	30	0.5	0.25	3.75
	CH: 480.00 to 510.00			1	30	0.5	0.25	3.75
	CH: 510.00 to 540.00			1	30	0.5	0.3	4.50
	CH: 540.00 to 570.00			1	30	0.5	0.3	4.50
	CH: 570.00 to 600.00			1	30	0.5	0.3	4.50
	First Left LHS Drain Desilt							
	CH: 00.00 to 30.00			1	30	0.5	0.25	3.75
	CH: 30.00 to 60.000			1	30	0.5	0.15	2.25
	CH: 60.00to 68.50			1	8.5	0.5	0.25	1.06
	First Left RHS Drain Desilt							
	CH: 00.00 to 30.00			1	30	0.5	0.15	2.25
	CH: 30.00 to 60.000			1	30	0.5	0.15	2.25
	CH: 60.00to 73.30			1	13.3	0.5	0.25	1.66
	Second Left LHS Drain							
	CH: 00.00 to 30.00			1	30	0.5	0.15	2.25
	CH: 30.00 to 45.70			1	15.7	0.5	0.15	1.18
	CH: 45.70 to 51.60			0	5.9	0.5	0.2	0.00
	CH: 51.60 to 70.80			1	19.2	0.5	0.25	2.40
	CH: 70.80 to 74.50			0	3.7	0.5	0.25	0.00
	CH: 74.50 to 94.00			1	19.5	0.5	0.3	2.93
	Second Left RHS Drain							
	CH: 00.00 to 18.70			1	18.7	0.5	0.15	1.40
	CH: 18.70 to 44.50			0	25.8	0.5	0.2	0.00
	CH: 44.50 to 55.50			1	11	0.5	0.2	1.10
	CH: 55.50 to 62.00			0	6.45	0.5	0.25	0.00
	CH: 62.0 to 71.00			1	9	0.5	0.3	1.35
	CH: 71.00 to 76.30			0	5.3	0.5	0.3	0.00
	CH: 76.30 to 96.60			1	20.3	0.5	0.3	3.05
		CUM				**Present Qty**		**166.88**

Verified
A.E.E 12/20

Contractor

SHRIYA CONSULTANCY AND CONSTRUCTION PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP, Nrt. Zn)
Yelahanka, Bangalore

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Pre-Measurement : 30/12/2020

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
4	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC at 240kgs with 20mm and down size graded granite metal coarse aggregates at 0.878 cum and fine aggregtes 0.53cum machine mixed, concrete laid in layers not exceeding 15 cms. thick well compacted in foundation plinth and cills including cost of all materials labour HOM curing complete as per specifications Specification No. KBS 4.1 4.2 P.No-13 I No-4 6						
		CUM					
	KERB PCC						
	Main road LHS						
	CH: 00.00 to 30.00		1	30	0.2	0.1	0.60
	CH: 30.00 to 60.000		1	30	0.2	0.1	0.60
	CH: 60.00to 90.00		1	30	0.2	0.1	0.60
	CH: 90.00 to 120.00		1	30	0.2	0.1	0.60
	CH: 120.00 to 150.00		1	30	0.2	0.1	0.60
	CH: 150.00 to 180.00		1	30	0.2	0.1	0.60
	CH: 180.00 to 210.00		1	30	0.2	0.1	0.60
	CH: 210.00 to 240.00		1	30	0.2	0.1	0.60
	CH: 240.00 to 245.10		1	5.1	0.2	0.1	0.10
	CH: 245.10 to 250.40		0	5.3	0	0	0.00
	CH: 250.4 to 275.20	Verified	1	24.8	0.2	0.1	0.50
	CH: 275.2 to 280.60		0	5.4	0	0	0.00
	CH: 280.6 to 298.60		1	18	0.2	0.1	0.36
	CH: 298.6 to 309.50		0	10.9	0	0	0.00
	CH: 309.5 to 339.50		1	30	0.2	0.1	0.60
	CH: 339.5to 348.00	A.E.E 30/12/2020	1	8.6	0.2	0.1	0.17
	CH: 348.00 to 349.30		0	1.3	0	0	0.00
	CH: 349.30 to 379.30		1	30	0.2	0.1	0.60
	CH: 379.30 to 405.00		1	25.7	0.2	0.1	0.51
	CH: 405.00to 415.50		0	10.5	0	0	0.00
	CH: 415.5 to 444.30		1	28.8	0.2	0.1	0.58
	CH: 444.3 to 453.90		0	9.6	0	0	0.00
	CH: 453.90 to 483.90		1	30	0.2	0.1	0.60
	CH: 483.9 to 489.40		1	5.5	0.2	0.1	0.11
	CH: 489.4 to 494.50		0	5.1	0	0	0.00
	CH: 494.5 to 512.50		1	18.1	0.2	0.1	0.36
	CH: 512.5 to 520.10		0	7.6	0	0	0.00
	CH: 520.1 to 550.10		1	30	0.2	0.1	0.60
	CH: 550.1 to 560.10		1	10	0.2	0.1	0.20

SHRIYA CONSTRUCTION AND CONSULTANCY

	CH: 560.1to 565.70		0	15.6	0	0	0.00
	CH: 565.7 to 584.6		1	18.9	0.2	0.1	0.38
	Deduct for Shounder Drains	(48*.2)	-1	9.6	0.2	0.1	-0.19
	Main road RHS						
	CH: 00.00 to 10.7		1	10.5	0.2	0.1	0.21
	CH: 10.70 to 12.30		0	1.6	0	0	0.00
	CH: 12.30 to 42.30		1	30	0.2	0.1	0.60
	CH: 42.30 to 72.30		1	30	0.2	0.1	0.60
	CH: 72.30 to 102.30		1	30	0.2	0.1	0.60
	CH: 102.30 to 132.30		1	30	0.2	0.1	0.60
	CH: 132.30 to 150.8		1	12.3	0.2	0.1	0.25
	CH: 150.8 to 153.00		0	2.2	0	0	0.00
	CH: 153.00 to 183.00		1	30	0.2	0.1	0.60
	CH 183.00 to 213.00		1	30	0.2	0.1	0.60
	CH: 213.00 to 243.00		1	30	0.2	0.1	0.60
	CH: 243.00 to 273.00		1	30	0.2	0.1	0.60
	CH: 273.00 to 303.00		1	30	0.2	0.1	0.60
	CH: 303.00 to 333.00	Verified	1	30	0.2	0.1	0.60
	CH: 333.00 to 363.00		1	30	0.2	0.1	0.60
	CH: 363.00 to 393.00		1	30	0.2	0.1	0.60
	CH: 393.00 to 423.00.		1	30	0.2	0.1	0.60
	CH: 423.00to 453.00		1	30	0.2	0.1	0.60
	CH: 453.00to 483.00		1	30	0.2	0.1	0.60
	CH: 483.00 to 513.00		1	30	0.2	0.1	0.60
	CH:513.00to 515.30		0	2.3	0	0	0.00
	CH: 515.30 to 535.00		1	19.7	0.2	0.1	0.39
	CH: 535.00 to 543.40		0	8.4	0	0	0.00
	CH: 543.40 to 570.10		1	26.7	0.2	0.1	0.53
	CH: 570.10 to 572.60		0	2.5	0	0	0.00
	CH: 572.60 to 602.30		1	30	0.2	0.1	0.60
	Deduct for Shounder Drains	(57*.2)	-1	11.4	0.2	0.1	-0.23
	Main Road Median						
	CH: 00.00 to 30.00		2	30	0.2	0.1	1.20
	CH: 30.00 to 60.000		2	30	0.2	0.1	1.20
	CH: 60.00to 88.00		2	28	0.2	0.1	1.12
	First Left LHS Kerb						
	CH: 00.00 to 30.00		1	30	0.2	0.1	0.60
	CH: 30.00 to 60.000		1	30	0.2	0.1	0.60
	CH: 60.00to 68.50		1	8.5	0.2	0.1	0.17
	First Left RHS Kerb						
	CH: 00.00 to 30.00		1	30	0.2	0.1	0.60

Verified
30/12/2020
A.E.E

SHRIYA CONSTRUCTION AND CONSULTANCY

	CH: 25.70 to 27.70			1	2	0.2	0.1	0.04
	CH: 27.70 to 34.30			0	6.6	0	0	0.00
	CH: 34.30 to 45.80			1	11.5	0.2	0.1	0.23
	CH: 45.80 to 46.80			0	1	0	0	0.00
	CH: 46.80 to 69.90			1	23.1	0.2	0.1	0.46
	CH: 69.90 to 77.70			0	7.8	0	0	0.00
	CH: 77.70to 92.70			1	15	0.2	0.1	0.30
	Concrete Road 2 RHS							
	CH: 00.00 to 30.00			1	30	0.2	0.1	0.60
	CH: 30.00 to 60.000			1	30	0.2	0.1	0.60
	CH: 60.00to 90.00			1	30	0.2	0.1	0.60
	CH: 90.00 to 91.80			1	1.8	0.2	0.1	0.04
	Deduct Opening			-1	1.5	0.2	0.1	-0.03
		CUM				**Present Qty**		**40.77**

Verified
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
2020

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor PMC Assistant Engineer Asst. Executive Engineer

SHRIYA CONSTRUCTION AND CONSULTANCY

07

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Pre-Measurement : 2/1/21

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
7	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads transporting to site spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel murrum watering charges & compaction by vibratory roller to 95 of modified proctors density MORTH Specification No. 305 I No-19.60 P No-147 of PWD PCSR 2018-19						
		CUM					
	Main Road LHS						
	CH: 00.00 to 30.00		1	30	0.5	0.1	1.50
	CH: 30.00 to 60.000		1	30	0.5	0.1	1.50
	CH: 60.00to 90.00		1	30	0.5	0.1	1.50
	CH: 90.00 to 120.00		1	30	0.5	0.1	1.50
	CH: 120.00 to 150.00		1	30	0.5	0.1	1.50
	CH: 150.00 to 180.00		1	30	0.5	0.1	1.50
	CH: 180.00 to 210.00		1	30	0.5	0.1	1.50
	CH: 210.00 to 240.00		1	30	0.5	0.1	1.50
	CH: 240.00 to 270.00		1	30	0.5	0.1	1.50
	CH: 270.00 to 300.00		1	30	0.5	0.1	1.50
	CH: 300.00 to 330.00		1	30	0.5	0.1	1.50
	CH: 330.00 to 360.00		1	30	0.5	0.1	1.50
	CH:360.00to 390.00		1	30	0.5	0.1	1.50
	CH: 390.00 to 420.00		1	30	0.5	0.1	1.50
	CH: 420.00 to 450.00		1	30	0.5	0.1	1.50
	CH: 450.00to 480.00		1	30	0.5	0.1	1.50
	CH: 480.00 to 510.00		1	30	0.5	0.1	1.50
	CH: 510.00 to 540.00		1	30	0.5	0.1	1.50
	CH: 540.00 to 570.00		1	30	0.5	0.1	1.50
	CH: 00.00 to 30.00		1	30	0.5	0.1	1.50
	CH: 30.00 to 60.000		1	30	0.5	0.1	1.50
	CH: 60.00to 90.00		1	30	0.5	0.1	1.50
	CH: 90.00 to 120.00		1	30	0.5	0.1	1.50
	CH: 120.00 to 150.00		1	30	0.5	0.1	1.50
	CH: 150.00 to 180.00		1	30	0.5	0.1	1.50
	CH: 180.00 to 210.00		1	30	0.5	0.1	1.50
	CH: 210.00 to 240.00		1	30	0.5	0.1	1.50
	CH: 240.00 to 270.00		1	30	0.5	0.1	1.50
	CH: 270.00 to 300.00		1	30	0.5	0.1	1.50
	CH: 300.00 to 330.00		1	30	0.5	0.1	1.50
	CH: 330.00 to 360.00		1	30	0.5	0.1	1.50
	CH:360.00to 390.00		1	30	0.5	0.1	1.50
	CH: 390.00 to 420.00		1	30	0.5	0.1	1.50

Verified

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

	CH: 420.00 to 450.00			1	30	0.5	0.1	1.50
	CH: 450.00to 480.00			1	30	0.5	0.1	1.50
	CH: 480.00 to 510.00			1	30	0.5	0.1	1.50
	CH: 510.00 to 540.00			1	30	0.5	0.1	1.50
	CH: 540.00 to 570.00			1	30	0.5	0.1	1.50
	CH: 570.00 to 600.00			1	30	0.5	0.1	1.50
	First Left LHS Drain Desilt							
	CH: 00.00 to 30.00			1	30	0.5	0.1	1.50
	CH: 30.00 to 60.000			1	30	0.5	0.1	1.50
	CH: 60.00to 68.50			1	8.5	0.5	0.1	0.43
	First Left RHS Drain Desilt							
	CH: 00.00 to 30.00			1	30	0.5	0.1	1.50
	CH: 30.00 to 60.000			1	30	0.5	0.1	1.50
	CH: 60.00to 73.30			1	13.3	0.5	0.1	0.67
	Second Left LHS Kerb							
	CH: 00.00 to 30.00			1	30	0.5	0.1	1.50
	CH: 30.00 to 45.70			1	15.7	0.5	0.1	0.79
	CH: 45.70 to 51.60			0	5.9	0.5	0.1	0.00
	CH: 51.60 to 70.80			1	19.2	0.5	0.1	0.96
	CH: 70.80 to 74.50			0	3.7	0.5	0.1	0.00
	CH: 74.50 to 94.00			1	19.5	0.5	0.1	0.98
	Second Left RHS Kerb							
	CH: 00.00 to 18.70			1	18.7	0.5	0.1	0.94
	CH: 18.70 to 44.50			0	25.8	0.5	0.1	0.00
	CH: 44.50 to 55.50			1	11	0.5	0.1	0.55
	CH: 55.50 to 62.00			0	6.45	0.5	0.1	0.00
	CH: 62.0 to 71.00			1	9	0.5	0.1	0.45
	CH: 71.00 to 76.30			0	5.3	0.5	0.1	0.00
	CH: 76.30 to 96.60			1	20.3	0.5	0.1	1.02
		CUM				Present Qty		72.76

Verified

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Pre-Measurement : 28/12/2020

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
8	KSRRB M300-14 Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes in accordance with requirements of lines grades and cross sections and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead I No-19.14 P No-143 KPWD SR 2018-19						
	FOR CC Roads	CUM					
	Concretre Road 1						
	CH: 00.00 to 30.00	(5+5/2)	1	30	5	0.25	37.50
	CH: 30.00 to 60.000	(5+5/2)	1	30	5	0.25	37.50
	CH: 60.00to 90.00	(5+5/2)	1	30	5	0.25	37.50
	CH: 90 to 111.5	(5+5/2)	1	21.5	5	0.3	32.25
	CH: 111.5 to 118.6	(4.5+4/2)	1	7.1	4.25	0.3	9.05
	Concretre Road 2						
	CH: 00.00 to 30.00	(10+10/2)	1	30	10	0.25	75.00
	CH: 30.00 to 60.000	(10+9.8/2)	1	30	9.9	0.25	74.25
	CH: 60.00to 90.00	(9.8+10/2)	1	30	9.9	0.25	74.25
	Entrance Triangle Portion		0.5	5	4.1	0.25	2.56
	In front of Building	Verified	1	25.4	12.1	0.2	61.47
			1	20.4	19.2	0.2	78.34
	Around Vehicle Maintainance Ramp		1	7.5	12.6	0.2	18.90
			1	13.3	23.1	0.2	61.45
	Deductions						
	Ramp		-1	3.8	4.9	0.2	-3.72
	Culvert		-1	4.4	1.2	0.2	-1.06
	Tree		-1	1	1.2	0.2	-0.24
	STP area		-1	6.4	6.4	0.2	-8.19
			-1	2.9	4	0.2	-2.32
	Ramp Room & Tank area		-1	5.9	2.6	0.2	-3.07
		CUM			Present Qty		581.42

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor | PMC | Assistant Engineer | Asst. Executive Engineer

SHRIYA CONSTRUCTION AGENCY

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Pre-Measurement : 01/01/21

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
09	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates at 0.58cum over a prepared sub base coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1 Aggregate gradation after blending to be as per Table 600-1 optimum moisture content to be determined during trial length construction concrete strength not to be less than 10 Mpa at 7 days mixed in a batching plant transported to site laid with a paver compacting with 8-10 tonnes vibratory roller finishing and curing complete as per specifications Clause 601of MORTH V Revision and IS 456 Table-5. with OPC at 150 kg cum and coarse aggregate 86cum fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum hr capacity with Slip form paver with electronic sensor. I No-22.1 P No-174						
	FOR CC Roads	CUM					
	Concretre Road 1						
	CH: 00.00 to 30.00	(5+5/2)	1	30	5	0.15	22.50
	CH: 30.00 to 60.000	(5+5/2)	1	30	5	0.15	22.50
	CH: 60.00to 90.00	(5+5/2)	1	30	5	0.15	22.50
	CH: 90 to 111.5	(5+5/2)	1	21.5	5	0.15	16.13
	CH: 111.5 to 118.6	(4.5+4/2)	1	7.1	4.25	0.1	3.02
	Concretre Road 2						
	CH: 00.00 to 30.00	(10+10/2)	1	30	10	0.15	45.00
	CH: 30.00 to 60.000	(10+9.8/2)	1	30	9.9	0.15	44.55
	CH: 60.00to 90.00	(9.8+10/2)	1	30	9.9	0.15	44.55
	Entrance Triangle Portion		0.5	5	4.1	0.1	1.03
	In front of Building		1	25.4	12.1	0.1	30.73
			1	20.4	19.2	0.1	39.17
	Around Vehicle Maintainance Ramp		1	7.5	12.6	0.15	14.18
			1	13.3	23.1	0.15	46.08
	Deductions						
	Ramp		-1	3.8	4.9	0.15	-2.79
	Culvert		-1	4.4	1.2	0.15	-0.79
	Tree		-1	1	1.2	0.15	-0.18
	STP area		-1	6.4	6.4	0.15	-6.14
			-1	2.9	4	0.15	-1.74
	Ramp Room & Tank area		-1	5.9	2.6	0.15	-2.30

Verified

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn.)
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

		CUM			Present Qty		337.98

Contractor PMC Assistant Engineer

Asst. Executive Engineer
Asst. Executive Engineer,
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
11	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite trap basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site laying in uniform layers with paver in sub-base base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications P.No-155 I No-20.18						
		CUM					
	For Asphalting, Main Road						
	CH: 00.00 to 8.10	(7.9+7.9/2)	1	8.1	7.9	0.15	9.60
	CH: 8.10 to 15.40	(7.0+7.0/2)	1	7.3	7	0.15	7.67
	CH:15.40 to 19.80	(5.50+5.50/2)	1	4.4	5.5	0.15	3.63
	CH: 19.80 to 49.80	(7.25+7.25/2)	1	30	7.25	0.15	32.63
	CH:49.80 to 63.80	(7.25+7.25/2)	1	14	7.25	0.15	15.23
	CH: 63.80 to 74.30	(7.25+11.9/2)	1	10.5	9.6	0.15	15.12
	CH: 74.30 to 104.30	(11.90+12.30/2)	1	30	12.1	0.15	54.45
	CH: 104.30 to 134.3	(12.30+12.40/2)	1	30	12.35	0.15	55.58
	CH: 134.30 to 164.30	(12.40+12.40/2)	1	30	12.4	0.15	55.80
	CH: 164.30 to 194.30	(12.40 +12.40/2)	1	30	12.4	0.15	55.80
	CH: 194.30 to 224.30	(12.40+12.25/2)	1	30	12.33	0.15	55.49
	CH: 224.30 to 254.30	(12.25+12.40/2)	1	30	12.33	0.15	55.49
	CH: 254.30 to 284.30	(12.40+12.40/2)	1	30	12.4	0.15	55.80
	CH: 284.30 to 314.30	(12.4+12.40/2)	1	30	12.4	0.15	55.80
	CH: 314.30 to 344.30	(12.40+12.40/2)	1	30	12.4	0.15	55.80
	CH: 344.30 to 370.80	(12.40 +13.5/2)	1	26.5	12.95	0.15	51.48
	Deduct						
	Gate Column		-2	0.6	0.6	0.15	-0.11
	Man Hole		-1	1.7	1.7	0.15	-0.43
	Main Road Median LHS						
	CH: 00.00 to 30.00	(6.2+5.5/2)	1	30	5.85	0.15	26.33
	CH: 30.00 to 60.000	(5.5+5.9/2)	1	30	5.7	0.15	25.65
	CH: 60.00to 81.50	(5.9+6.5/2)	1	21.5	6.2	0.15	20.00
	Main Road Median RHS						
	CH: 00.00 to 30.00	(6.1+5.3/2)	1	30	5.7	0.15	25.65
	CH: 30.00 to 60.000	(5.3+5.9/2)	1	30	5.6	0.15	25.20
	CH: 60.00to 87.50	(5.9+5.8/2)	1	27.5	5.85	0.15	24.13
	Main Road After Median						
	CH: 00.00 to 30.00	(16.3+13.8/2)	1	30	15.05	0.15	67.73
	CH: 30.00 to 60.000	(13.8+12.9/2)	1	30	13.35	0.15	60.08

Verified
A.E.E 21/2021

SHRIYA CONSTRUCTION AND CONSULTANCY

	CH: 60.00to 90.00	(12.9+12.5/2)	1	30	12.7	0.15	57.15
	CH: 90.00 to 120.00	(12.5+12.3/2)	1	30	12.4	0.15	55.80
	CH: 120.00 to 150.00	(12.3+12.5/2)	1	30	12.4	0.15	55.80
	CH: 150.00 to 179.00	(12.5+12.5/2)	1	29	12.5	0.15	54.38
	Main Rod End Portion		1	18.3	15.4	0.15	42.27
	Deduct Circle		-1	pi*r^2 (3.14*6^2)*.15			-0.16
	First Left Road LHS						
	CH: 00.00 to 30.00	(7.1+7.0/2)	1	30	7.05	0.15	31.73
	CH: 30.00 to 54.000	(7.0+7.1/2)	1	24	7.05	0.15	25.38
		Verified					
	First Left Road RHS						
	CH: 00.00 to 30.00	(7.0+7.0/2)	1	30	7	0.15	31.50
	CH: 30.00 to 53.50	(7.0+7.3/2)	1	23.5	7.15	0.15	25.20
	End Portion		1	17	8	0.15	20.40
	Second Left Road						
	CH: 00.00 to 30.00	(6.8+6.8/2)	1	30	6.8	0.15	30.60
	CH: 30.00 to 35.30	(6.8+6.9/2)	1	5.3	6.85	0.15	5.45
		CUM			**Present Qty**		**1345.04**

A.E.E 01/01/2021

Contractor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yhk. Zn)
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Pre-Measurement : 05/01/2020

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
12	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision P.No-158 I No-21.6						
		SQM					
	For Asphalting, Main Road						
	CH: 00.00 to 8.10	(7.9+7.9/2)	1	8.1	7.9		63.99
	CH: 8.10 to 15.40	(7.0+7.0/2)	1	7.3	7		51.10
	CH:15.40 to 19.80	(5.50+5.50/2)	1	4.4	5.5		24.20
	CH: 19.80 to 49.80	(7.25+7.25/2)	1	30	7.25		217.50
	CH:49.80 to 63.80	(7.25+7.25/2)	1	14	7.25		101.50
	CH: 63.80 to 74.30	(7.25+11.9/2)	1	10.5	9.6		100.80
	CH: 74.30 to 104.30	(11.90+12.30/2)	1	30	12.1		363.00
	CH: 104.30 to 134.3	(12.30+12.40/2)	1	30	12.35		370.50
	CH: 134.30 to 164.30	(12.40+12.40/2)	1	30	12.4		372.00
	CH: 164.30 to 194.30	(12.40 +12.40/2)	1	30	12.4		372.00
	CH: 194.30 to 224.30	(12.40+12.25/2)	1	30	12.33		369.90
	CH: 224.30 to 254.30	(12.25+12.40/2)	1	30	12.33		369.90
	CH: 254.30 to 284.30	(12.40+12.40/2)	1	30	12.4		372.00
	CH: 284.30 to 314.30	(12.4+12.40/2)	1	30	12.4		372.00
	CH: 314.30 to 344.30	(12.40+12.40/2)	1	30	12.4		372.00
	CH: 344.30 to 370.80	(12.40 +13.5/2)	1	26.5	12.95		343.18
	Deduct						
	Gate Column		-2	0.6	0.6		-0.72
	Man Hole		-1	1.7	1.7		-2.89
	Main Road Median LHS						
	CH: 00.00 to 30.00	(6.2+5.5/2)	1	30	5.85		175.50
	CH: 30.00 to 60.000	(5.5+5.9/2)	1	30	5.7		171.00
	CH: 60.00to 81.50	(5.9+6.5/2)	1	21.5	6.2		133.30
	Main Road Median RHS						
	CH: 00.00 to 30.00	(6.1+5.3/2)	1	30	5.7		171.00
	CH: 30.00 to 60.000	(5.3+5.9/2)	1	30	5.6		168.00
	CH: 60.00to 87.50	(5.9+5.8/2)	1	27.5	5.85		160.88
	Main Road After Median						
	CH: 00.00 to 30.00	(16.3+13.8/2)	1	30	15.05		451.50
	CH: 30.00 to 60.000	(13.8+12.9/2)	1	30	13.35		400.50
	CH: 60.00to 90.00	(12.9+12.5/2)	1	30	12.7		381.00
	CH: 90.00 to 120.00	(12.5+12.3/2)	1	30	12.4		372.00
	CH: 120.00 to 150.00	(12.3+12.5/2)	1	30	12.4		372.00
	CH: 150.00 to 179.00	(12.5+12.5/2)	1	29	12.5		362.50
	Main Rod End Portion		1	18.3	15.4		281.82

Verified by me 5/1/2021 A.E.E

SHRIYA CONSTRUCTION AND CONSULTANCY

	Deduct Circle		-1	pi*r^2 (3.14*6^2)		-1.13
	First Left Road LHS					
	CH: 00.00 to 30.00	(7.1+7.0/2)	1	30	7.05	211.50
	CH: 30.00 to 54.000	(7.0+7.1/2)	1	24	7.05	169.20
	First Left Road RHS					
	CH: 00.00 to 30.00	(7.0+7.0/2)	1	30	7	210.00
	CH: 30.00 to 53.50	(7.0+7.3/2)	1	23.5	7.15	168.03
	End Portion		1	17	8	136.00
	Second Left Road					
	CH: 00.00 to 30.00	(6.8+6.8/2)	1	30	6.8	204.00
	CH: 30.00 to 35.30	(6.8+6.9/2)	1	5.3	6.85	36.31
		SQM			Present Qty	8966.85

Verified
A.E.E 5/01/2021

Contractor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ylk. Zn)
Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Pre-Measurement : 05/01/2021

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
13	KSRRB 500-7. Providing and applying tack coat using 80 100 grade bitumen VG10 on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set excluding cleaning of road surface including cost of all materials labour HOM complete as per specifications P.No-161 I No-21.7						
		SQM					
	For Asphalting, Main Road						
	CH: 00.00 to 8.10	(7.9+7.9/2)	1	8.1	7.9		63.99
	CH: 8.10 to 15.40	(7.0+7.0/2)	1	7.3	7		51.10
	CH:15.40 to 19.80	(5.50+5.50/2)	1	4.4	5.5		24.20
	CH: 19.80 to 49.80	(7.25+7.25/2)	1	30	7.25		217.50
	CH:49.80 to 63.80	(7.25+7.25/2)	1	14	7.25		101.50
	CH: 63.80 to 74.30	(7.25+11.9/2)	1	10.5	9.6		100.80
	CH: 74.30 to 104.30	(11.90+12.30/2)	1	30	12.1		363.00
	CH: 104.30 to 134.3	(12.30+12.40/2)	1	30	12.35		370.50
	CH: 134.30 to 164.30	(12.40+12.40/2)	1	30	12.4		372.00
	CH: 164.30 to 194.30	(12.40 +12.40/2)	1	30	12.4		372.00
	CH: 194.30 to 224.30	(12.40+12.25/2)	1	30	12.33		369.90
	CH: 224.30 to 254.30	(12.25+12.40/2)	1	30	12.33		369.90
	CH: 254.30 to 284.30	(12.40+12.40/2)	1	30	12.4		372.00
	CH: 284.30 to 314.30	(12.4+12.40/2)	1	30	12.4		372.00
	CH: 314.30 to 344.30	(12.40+12.40/2)	1	30	12.4		372.00
	CH: 344.30 to 370.80	(12.40 +13.5/2)	1	26.5	12.95		343.18
	Deduct						
	Gate Column		-2	0.6	0.6		-0.72
	Man Hole		-1	1.7	1.7		-2.89
	Main Road Median LHS						
	CH: 00.00 to 30.00	(6.2+5.5/2)	1	30	5.85		175.50
	CH: 30.00 to 60.000	(5.5+5.9/2)	1	30	5.7		171.00
	CH: 60.00to 81.50	(5.9+6.5/2)	1	21.5	6.2		133.30
	Main Road Median RHS						
	CH: 00.00 to 30.00	(6.1+5.3/2)	1	30	5.7		171.00
	CH: 30.00 to 60.000	(5.3+5.9/2)	1	30	5.6		168.00
	CH: 60.00to 87.50	(5.9+5.8/2)	1	27.5	5.85		160.88

Verified by
A.E.E 5/1/2021

SHRIYA CONSTRUCTION AND CONSULTANCY

	Main Road After Median						
	CH: 00.00 to 30.00	(16.3+13.8/2)	1	30	15.05		451.50
	CH: 30.00 to 60.000	(13.8+12.9/2)	1	30	13.35		400.50
	CH: 60.00to 90.00	(12.9+12.5/2)	1	30	12.7		381.00
	CH: 90.00 to 120.00	(12.5+12.3/2)	1	30	12.4		372.00
	CH: 120.00 to 150.00	(12.3+12.5/2)	1	30	12.4		372.00
	CH: 150.00 to 179.00	(12.5+12.5/2)	1	29	12.5		362.50
	Main Rod End Portion		1	18.3	15.4		281.82
	Deduct Circle	Verified	-1	pi*r^2 (3.14*6^2)			-1.13
	First Left Road LHS						
	CH: 00.00 to 30.00	(7.1+7.0/2)	1	30	7.05		211.50
	CH: 30.00 to 54.000	(7.0+7.1/2)	1	24	7.05		169.20
	First Left Road RHS						
	CH: 00.00 to 30.00	(7.0+7.0/2)	1	30	7		210.00
	CH: 30.00 to 53.50	(7.0+7.3/2)	1	23.5	7.15		168.03
	End Portion		1	17	8		136.00
	Second Left Road						
	CH: 00.00 to 30.00	(6.8+6.8/2)	1	30	6.8		204.00
	CH: 30.00 to 35.30	(6.8+6.9/2)	1	5.3	6.85		36.31
		SQM			Present Qty		8966.85

5/1/2021

A.E.E

Contractor

SHRIYA CONSULTANCY & CONSTRUCTION AND PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
BBMP Yhk. Zn)
Asst. Executive Engineer
Yelahanka, Bangalore

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Pre-Measurement : 06/01/2021

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
14	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40 60 TPH capacity H.M.P. with Mechanical paver Gr-II 50 mm to 75 mm with 4.5 VG 30 Bitumen P.No 160 I No-21 17 6						
		CUM					
	For Asphalting, Main Road						
	CH: 00.00 to 8.10	(7.9+7.9/2)	1	8.1	7.9	0.05	3.20
	CH: 8.10 to 15.40	(7.0+7.0/2)	1	7.3	7	0.05	2.56
	CH:15.40 to 19.80	(5.50+5.50/2)	1	4.4	5.5	0.05	1.21
	CH: 19.80 to 49.80	(7.25+7.25/2)	1	30	7.25	0.05	10.88
	CH:49.80 to 63.80	(7.25+7.25/2)	1	14	7.25	0.05	5.08
	CH: 63.80 to 74.30	(7.25+11.9/2)	1	10.5	9.6	0.05	5.04
	CH: 74.30 to 104.30	(11.90+12.30/2)	1	30	12.1	0.05	18.15
	CH: 104.30 to 134.3	(12.30+12.40/2)	1	30	12.35	0.05	18.53
	CH: 134.30 to 164.30	(12.40+12.40/2)	1	30	12.4	0.05	18.60
	CH: 164.30 to 194.30	(12.40 +12.40/2)	1	30	12.4	0.05	18.60
	CH: 194.30 to 224.30	(12.40+12.25/2)	1	30	12.33	0.05	18.50
	CH: 224.30 to 254.30	(12.25+12.40/2)	1	30	12.33	0.05	18.50
	CH: 254.30 to 284.30	(12.40+12.40/2)	1	30	12.4	0.05	18.60
	CH: 284.30 to 314.30	(12.4+12.40/2)	1	30	12.4	0.05	18.60
	CH: 314.30 to 344.30	(12.40+12.40/2)	1	30	12.4	0.05	18.60
	CH: 344.30 to 370.80	(12.40 +13.5/2)	1	26.5	12.95	0.05	17.16
	Deduct						
	Gate Column		-2	0.6	0.6	0.05	-0.04
	Man Hole		-1	1.7	1.7	0.05	-0.14
	Main Road Median LHS						
	CH: 00.00 to 30.00	(6.2+5.5/2)	1	30	5.85	0.05	8.78
	CH: 30.00 to 60.000	(5.5+5.9/2)	1	30	5.7	0.05	8.55
	CH: 60.00to 81.50	(5.9+6.5/2)	1	21.5	6.2	0.05	6.67
	Main Road Median RHS						
	CH: 00.00 to 30.00	(6.1+5.3/2)	1	30	5.7	0.05	8.55
	CH: 30.00 to 60.000	(5.3+5.9/2)	1	30	5.6	0.05	8.40
	CH: 60.00to 87.50	(5.9+5.8/2)	1	27.5	5.85	0.05	8.04
	Main Road After Median						
	CH: 00.00 to 30.00	(16.3+13.8/2)	1	30	15.05	0.05	22.58

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Duly 06/01/2021
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SHRIYA CONSTRUCTION AND CONSULTANCY

	CH: 30.00 to 60.000	(13.8+12.9/2)	1	30	13.35	0.05	20.03
	CH: 60.00to 90.00	(12.9+12.5/2)	1	30	12.7	0.05	19.05
	CH: 90.00 to 120.00	(12.5+12.3/2)	1	30	12.4	0.05	18.60
	CH: 120.00 to 150.00	(12.3+12.5/2)	1	30	12.4	0.05	18.60
	CH: 150.00 to 179.00	(12.5+12.5/2)	1	29	12.5	0.05	18.13
	Main Rod End Portion		1	18.3	15.4	0.05	14.09
	Deduct Circle		-1	pi*r^2 (3.14*6^2)		0.05	-0.06
	First Left Road LHS						
	CH: 00.00 to 30.00	(7.1+7.0/2)	1	30	7.05	0.05	10.58
	CH: 30.00 to 54.000	(7.0+7.1/2)	1	24	7.05	0.05	8.46
	First Left Road RHS						
	CH: 00.00 to 30.00	(7.0+7.0/2)	1	30	7	0.05	10.50
	CH: 30.00 to 53.50	(7.0+7.3/2)	1	23.5	7.15	0.05	8.40
	End Portion		1	17	8	0.05	6.80
	Second Left Road						
	CH: 00.00 to 30.00	(6.8+6.8/2)	1	30	6.8	0.05	10.20
	CH: 30.00 to 35.30	(6.8+6.9/2)	1	5.3	6.85	0.05	1.82
		CUM			Present Qty		448.34

Verified
Rayal
06/1/2021
A.E.E

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer,

SHRIVA CONSTRUCTION AND CONSULTANCY

1st Bill & Final Bill

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Work Order No.: BBMP/EE/YNK.D/EPMT-3/WO/171/2020-21
Job code: 001-20-000036
Estimate cost: 150 Lakhs
Name Of contractor: Sri. H V ONKARAPPA

Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
2	KSRRB 300-1 Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications I No-19.1 P No-144								
	Pre Measurements recorded in Vide Excel Sheet page no 01 - 02	CUM					166.88	231.31	38,600.00
4	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC at 240kgs with 20mm and down size graded granite metal coarse aggregates at 0.878 cum and fine aggregtes 0.53cum machine mixed, concrete laid in layers not exceeding 15 cms. thick well compacted in foundation plinth and cills including cost of all materials labour HOM curing complete as per specifications Specification No. KBS 4.1 4.2 P.No-13 I No-4 6								
	Pre Measurements recorded in Vide Excel Sheet page no 03 - 06	CUM					40.77	6031.81	2,45,917.00
7	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads transporting to site spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel murrum watering charges & compaction by vibratory roller to 95 of modified proctors density MORTH Specification No. 305 I No-19.60 P No-147 of PWD BCSR 2018-19								
	Pre Measurements recorded in Vide Excel Sheet page no 07 - 08	CUM					72.76	361.55	26,306.00
8	KSRRB M300-14 Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes in accordance with requirements of lines grades and cross sections and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead I No-19.14 P No-143 KPWD SR 2018-19								
	Pre Measurements recorded in Vide Excel Sheet page no 09 - 09	CUM					581.42	72.48	42,141.00
9	Providing and constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates at 0.58cum over a prepared sub base coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1 Aggregate gradation after blending to be as per Table 600-1 optimum moisture content to be determined during trial length construction concrete strength not to be less than 10 Mpa at 7 days mixed in a batching plant transported to site laid with a paver compacting with 8-10 tonnes vibratory								
	Pre Measurements recorded in Vide Excel Sheet page no 10 - 11	CUM					337.98	3875.33	13,09,780.00

SHRIYA CONSTRUCTION AND CONSULTANCY

11	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite trap basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site laying in uniform layers with paver in sub-base base course on well prepared surface and compacting with vibratory roller								
	Pre Measurements recorded in Vide Excel Sheet page no 12-13	CUM					1345.04	2100.34	28,25,035.00
12	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision P.No-158 I No-21.6								
	Pre Measurements recorded in Vide Excel Sheet page no 14-15	SQM					8966.85	27.81	2,49,368.00
13	KSRRB 500-7. Providing and applying tack coat using 80 100 grade bitumen VG10 on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set excluding cleaning of road surface including cost of all materials labour HOM complete as per specifications P.No-161 I No-21.7								
	Pre Measurements recorded in Vide Excel Sheet page no 16-17	SQM					8966.85	13.35	1,19,707.00
14	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40 60 TPH capacity H.M.P. with Mechanical paver Gr-II 50 mm to 75 mm with 4.5 VG 30 Bitumen P.No 160 I No-21 17 6								
	Pre Measurements recorded in Vide Excel Sheet page no 18-19	CUM					448.34	6010.68	26,94,843.00

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yelk. Zn.)
Asst. Executive Engineer,
Yelahanka, Bangalore

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty		
1	Removing and refixing stone slabs of drains and pointing in CM 1:3 P No-27 I No-5.33 KPWD SR 2018-19								
		SQM							
	Drain Slabs (Sides)								
	Main Road LHS								
	CH: 00.00 to 30.00		2	30	0.5		30.00		
	CH: 30.00 to 60.000		2	30	0.5		30.00		
	CH: 60.00to 90.00		2	30	0.5		30.00		
	CH: 330.00 to 360.00		2	30	0.7		42.00		
	CH:360.00to 390.00		2	30	0.5		30.00		
	CH: 390.00 to 420.00		2	30	0.5		30.00		
	CH: 00.00 to 30.00		2	30	0.5		30.00		
	CH: 30.00 to 60.000		2	30	0.7		42.00		
	CH: 60.00to 90.00		2	30	0.5		30.00		
	CH: 210.00 to 240.00		2	30	0.45		27.00		
	CH:360.00to 390.00		2	30	0.5		30.00		
	CH: 390.00 to 420.00		2	30	0.5		30.00		
	CH: 420.00 to 450.00		2	30	0.5		30.00		
	CH: 450.00to 480.00		2	30	0.5		30.00		
	CH: 540.00 to 570.00		2	30	0.5		30.00		
	CH: 570.00 to 600.00		2	30	0.5		30.00		
	First Left LHS Drain (Sides)								
	CH: 00.00 to 30.00		2	30	0.5		30.00		
	CH: 30.00 to 60.000		2	30	0.5		30.00		
	CH: 60.00to 68.50		2	8.5	0.5		8.50		
	Second Left LHS Drain (Sides)								
	CH: 00.00 to 30.00		2	30	0.5		30.00		
	CH: 30.00 to 45.70		2	15.7	0.5		15.70		
	CH: 45.70 to 51.60		2	5.9	0.5		5.90		
	CH: 51.60 to 70.80		2	19.2	0.5		19.20		
	Second Left RHS Drain (Sides)								
	CH: 00.00 to 18.70		2	18.7	0.5		18.70		
	CH: 18.70 to 44.50		2	25.8	0.5		25.80		
	CH: 71.00 to 76.30		2	5.3	0.5		5.30		
	CH: 76.30 to 96.60		2	20.3	0.5		20.30		
		SQM				Present Qty	710.40	116.80	82974.72

15-12-20

6/12/20

A.E.E

Contractor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yhk. Zn)
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
5	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete ,complete. As per the direction of Engineer incharge. (P.No.27, I.No 5.30 of PW, P&IWTD SR 2018-19)	Nos					
	Main road LHS						
	CH: 00.00 to 30.00	1	30				30.00
	CH: 30.00 to 60.000	1	30				30.00
	CH: 60.00to 90.00	1	30				30.00
	CH: 90.00 to 120.00	1	30				30.00
	CH: 120.00 to 150.00	1	30				30.00
	CH: 150.00 to 180.00	1	30				30.00
	CH: 180.00 to 210.00	1	30				30.00
	CH: 210.00 to 240.00	1	30				30.00
	CH: 240.00 to 245.10	1	5.1				5.10
	CH: 245.10 to 250.40	0	5.3				0.00
	CH: 250.4 to 275.20	1	24.8				24.80
	CH: 275.2 to 280.60	0	5.4				0.00
	CH: 280.6 to 298.60	1	18				18.00
	CH: 298.6 to 309.50	0	10.9				0.00
	CH: 309.5 to 339.50	1	30				30.00
	CH: 339.5to 348.00	1	8.6				8.60
	CH: 348.00 to 349.30	0	1.3				0.00
	CH: 349.30 to 379.30	1	30				30.00
	CH: 379.30 to 405.00	1	25.7				25.70
	CH: 405.00to 415.50	0	10.5				0.00
	CH: 415.5 to 444.30	1	28.8				28.80
	CH: 444.3 to 453.90	0	9.6				0.00
	CH: 453.90 to 483.90	1	30				30.00
	CH: 483.9 to 489.40	1	5.5				5.50
	CH: 489.4 to 494.50	0	5.1				0.00
	CH: 494.5 to 512.50	1	18.1				18.10
	CH: 512.5 to 520.10	0	7.6				0.00
	CH: 520.1 to 550.10	1	30				30.00
	CH: 550.1 to 560.10	1	10				10.00
	CH: 560.1to 565.70	0	15.6				0.00
	CH: 565.7 to 584.6	1	18.9				18.90
	Deduct for Shounder Dra	-1	9.6				-9.60
	Main road RHS						
	CH: 00.00 to 10.7	1	10.5				10.50
	CH: 10.70 to 12.30	0	1.6				0.00
	CH: 12.30 to 42.30	1	30				30.00
	CH: 42.30 to 72.30	1	30				30.00
	CH: 72.30 to 102.30	1	30				30.00
	CH: 102.30 to 132.30	1	30				30.00
	CH: 132.30 to 150.8	1	12.3				12.30
	CH: 150.8 to 153.00	0	2.2				0.00
	CH: 153.00 to 183.00	1	30				30.00
	CH 183.00 to 213.00	1	30				30.00
	CH: 213.00 to 243.00	1	30				30.00
	CH: 243.00 to 273.00	1	30				30.00
	CH: 273.00 to 303.00	1	30				30.00
	CH: 303.00 to 333.00	1	30				30.00

21-12-20

21/12/2020

A.E.E

21/12/2020

SHRIYA CONSTRUCTION AND CONSULTANCY

CH: 333.00 to 363.00	1	30			30.00	
CH: 363.00 to 393.00	1	30			30.00	
CH: 393.00 to 423.00.	1	30			30.00	
CH: 423.00to 453.00	1	30			30.00	
CH: 453.00to 483.00	1	30			30.00	
CH: 483.00 to 513.00	1	30			30.00	
CH:513.00to 515.30	0	2.3			0.00	
CH: 515.30 to 535.00	1	19.7			19.70	
CH: 535.00 to 543.40	0	8.4			0.00	
CH: 543.40 to 570.10	1	26.7			26.70	
CH: 570.10 to 572.60	0	2.5			0.00	
CH: 572.60 to 602.30	1	30			30.00	
Deduct for Shounder Drains	-1	11.4			-11.40	
Main Road Median						
CH: 00.00 to 30.00	2	30			60.00	
CH: 30.00 to 60.000	2	30			60.00	
CH: 60.00to 88.00	2	28			56.00	
First Left LHS Kerb						
CH: 00.00 to 30.00	1	30			30.00	
CH: 30.00 to 60.000	1	30			30.00	
CH: 60.00to 68.50	1	8.5			8.50	
	0				0.00	
First Left RHS Kerb	0				0.00	
CH: 00.00 to 30.00	1	30			30.00	
CH: 30.00 to 60.000	1	30			30.00	
CH: 60.00to 73.30	1	13.3			13.30	
First Left Median						
CH: 00.00 to 30.00	2	30			60.00	
CH: 30.00 to 54.60	2	24.6			49.20	
Second Left LHS Kerb						
CH: 00.00 to 30.00	1	30			30.00	
CH: 30.00 to 45.70	1	15.7			15.70	
CH: 45.70 to 51.60	0	5.9			0.00	
CH: 51.60 to 70.80	1	19.2			19.20	
CH: 70.80 to 74.50	0	3.7			0.00	
CH: 74.50 to 94.00	1	19.5			19.50	
Second Left RHS Kerb						
CH: 00.00 to 18.70	1	18.7			18.70	
CH: 18.70 to 44.50	0	25.8			0.00	
CH: 44.50 to 55.50	1	11			11.00	
CH: 55.50 to 62.00	0	6.45			0.00	
CH: 62.0 to 71.00	1	9			9.00	
CH: 71.00 to 76.30	0	5.3			0.00	
CH: 76.30 to 96.60	1	20.3			20.30	
Concrete Road 1 LHS						
CH: 00.00 to 30.00	1	30			30.00	
CH: 30.00 to 60.000	1	30			30.00	
CH: 60.00to 90.00	1	30			30.00	
CH: 90.00 to 109.5	1	19.5			19.50	
Deduct for Shoulder Drain	-1	2.8			-2.80	
Concrete Road 1 RHS						
CH: 00.00 to 30.00	1	30			30.00	
CH: 30.00 to 60.000	1	30			30.00	
CH: 60.00to 90.00	1	30			30.00	
CH: 90.00 to 118.6	1	28.6			28.60	
Deduct for Shoulder Drain	-1	3.6			-3.60	

21/01/2021

A.E.E

SHRIYA CONSTRUCTION AND CONSULTANCY

	Concrete Road 2 LHS								
	CH: 00.00 to 10.00								
	CH: 10.00 to 11.00	1	10				10.00		
	CH: 11.00 to 15.70	0	1				0.00		
	CH: 15.70 to 16.80	1	4.7				4.70		
	CH: 16.80 to 24.90	0	1.1				0.00		
	CH: 24.90 to 25.70	1	8.1				8.10		
	CH: 25.70 to 27.70	0	0.8				0.00		
	CH: 27.70 to 34.30	1	2				2.00		
	CH: 34.30 to 45.80	0	6.6				0.00		
	CH: 45.80 to 46.80	1	11.5				11.50		
	CH: 46.80 to 69.90	0	1				0.00		
	CH: 69.90 to 77.70	1	23.1				23.10		
	CH: 77.70to 92.70	0	7.8				0.00		
		1	15				15.00		
	Concrete Road 2 RHS								
	CH: 00.00 to 30.00	1	30				30.00		
	CH: 30.00 to 60.000	1	30				30.00		
	CH: 60.00to 90.00	1	30				30.00		
	CH: 90.00 to 91.80	1	1.8				1.80		
	Deduct Opening	-1	1.5				-1.50		
							2038.50		
		Nos			Present Qty		4530.00	453.89	2056121.7

Contractor PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer,
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Measurement :

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty		
	Detailed Measurements								
6	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces with materials labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6 P.No.180 I.No.24.1 of PW P&IWTD SR 2018-19								
		SQM							
	Main road LHS								
	CH: 00.00 to 30.00	1	30			0.35	10.50		
	CH: 30.00 to 60.000	1	30			0.35	10.50		
	CH: 60.00to 90.00	1	30			0.35	10.50		
	CH: 90.00 to 120.00	1	30			0.35	10.50		
	CH: 120.00 to 150.00	1	30			0.35	10.50		
	CH: 150.00 to 180.00	1	30			0.35	10.50		
	CH: 180.00 to 210.00	1	30			0.35	10.50		
	CH: 210.00 to 240.00	1	30			0.35	10.50		
	CH: 240.00 to 245.10	1	5.1			0.35	1.79		
	CH: 245.10 to 250.40	0	5.3			0.35	0.00		
	CH: 250.4 to 275.20	1	24.8			0.35	8.68		
	CH: 275.2 to 280.60	0	5.4			0.35	0.00		
	CH: 280.6 to 298.60	1	18			0.35	6.30		
	CH: 298.6 to 309.50	0	10.9			0.35	0.00		
	CH: 309.5 to 339.50	1	30			0.35	10.50		
	CH: 339.5to 348.00	1	8.6			0.35	3.01		
	CH: 348.00 to 349.30	0	1.3			0.35	0.00		
	CH: 349.30 to 379.30	1	30			0.35	10.50		
	CH: 379.30 to 405.00	1	25.7			0.35	9.00		
	CH: 405.00to 415.50	0	10.5			0.35	0.00		
	CH: 415.5 to 444.30	1	28.8			0.35	10.08		
	CH: 444.3 to 453.90	0	9.6			0.35	0.00		
	CH: 453.90 to 483.90	1	30			0.35	10.50		
	CH: 483.9 to 489.40	1	5.5			0.35	1.93		
	CH: 489.4 to 494.50	0	5.1			0.35	0.00		
	CH: 494.5 to 512.50	1	18.1			0.35	6.34		
	CH: 512.5 to 520.10	0	7.6			0.35	0.00		
	CH: 520.1 to 550.10	1	30			0.35	10.50		
	CH: 550.1 to 560.10	1	10			0.35	3.50		
	CH: 560.1to 565.70	0	15.6			0.35	0.00		
	CH: 565.7 to 584.6	1	18.9			0.35	6.62		
	Deduct for Shounder Drains	-1	9.6			0.35	-3.36		
	Main road RHS								
	CH: 00.00 to 10.7	1	10.5			0.35	3.68		
	CH: 10.70 to 12.30	0	1.6			0.35	0.00		
	CH: 12.30 to 42.30	1	30			0.35	10.50		
	CH: 42.30 to 72.30	1	30			0.35	10.50		
	CH: 72.30 to 102.30	1	30			0.35	10.50		
	CH: 102.30 to 132.30	1	30			0.35	10.50		
	CH: 132.30 to 150.8	1	12.3			0.35	4.31		
	CH: 150.8 to 153.00	0	2.2			0.35	0.00		

16-1-2021

Checked

A.E.E. 10/1/2021

SHRIYA CONSTRUCTION

	CH: 153.00 to 183.00	1	30			0.35	10.50		
	CH 183.00 to 213.00	1	30			0.35	10.50		
	CH: 213.00 to 243.00	1	30			0.35	10.50		
	CH: 243.00 to 273.00	1	30			0.35	10.50		
	CH: 273.00 to 303.00	1	30			0.35	10.50		
	CH: 303.00 to 333.00	1	30			0.35	10.50		
	CH: 333.00 to 363.00	1	30			0.35	10.50		
	CH: 363.00 to 393.00	1	30			0.35	10.50		
	CH: 393.00 to 423.00	1	30			0.35	10.50		
	CH: 423.00to 453.00	1	30			0.35	10.50		
	CH: 453.00to 483.00	1	30			0.35	10.50		
	CH: 483.00 to 513.00	1	30			0.35	10.50		
	CH:513.00to 515.30	0	2.3			0.35	0.00		
	CH: 515.30 to 535.00	1	19.7			0.35	6.90		
	CH: 535.00 to 543.40	0	8.4			0.35	0.00		
	CH: 543.40 to 570.10	1	26.7			0.35	9.35		
	CH: 570.10 to 572.60	0	2.5			0.35	0.00		
	CH: 572.60 to 602.30	1	30			0.35	10.50		
	Deduct for Shounder Drains	-1	11.4			0.35	-3.99		
	Main Road Median								
	CH: 00.00 to 30.00	2	30			0.35	21.00		
	CH: 30.00 to 60.000	2	30			0.35	21.00		
	CH: 60.00to 88.00	2	28			0.35	19.60		
	First Left LHS Kerb								
	CH: 00.00 to 30.00	1	30			0.35	10.50		
	CH: 30.00 to 60.000	1	30			0.35	10.50		
	CH: 60.00to 68.50	1	8.5			0.35	2.98		
	First Left RHS Kerb								
	CH: 00.00 to 30.00	1	30			0.35	10.50		
	CH: 30.00 to 60.000	1	30			0.35	10.50		
	CH: 60.00to 73.30	1	13.3			0.35	4.66		
	First Left Median								
	CH: 00.00 to 30.00	2	30			0.35	21.00		
	CH: 30.00 to 54.60	2	24.6			0.35	17.22		
	Second Left LHS Kerb								
	CH: 00.00 to 30.00	1	30			0.35	10.50		
	CH: 30.00 to 45.70	1	15.7			0.35	5.50		
	CH: 45.70 to 51.60	0	5.9			0.35	0.00		
	CH: 51.60 to 70.80	1	19.2			0.35	6.72		
	CH: 70.80 to 74.50	0	3.7			0.35	0.00		
	CH: 74.50 to 94.00	1	19.5			0.35	6.83		
	Second Left RHS Kerb								
	CH: 00.00 to 18.70	1	18.7			0.35	6.55		
	CH: 18.70 to 44.50	0	25.8			0.35	0.00		

SHRIYA CONSTRUCTION AND CONSULTANCY

	CH: 44.50 to 55.50	1	11			0.35	3.85		
	CH: 55.50 to 62.00	0	6.45			0.35	0.00		
	CH: 62.0 to 71.00	1	9			0.35	3.15		
	CH: 71.00 to 76.30	0	5.3			0.35	0.00		
	CH: 76.30 to 96.60	1	20.3			0.35	7.11		
						0.35	0.00		
	Concrete Road 1 LHS					0.35	0.00		
	CH: 00.00 to 30.00	1	30			0.35	10.50		
	CH: 30.00 to 60.000	1	30			0.35	10.50		
	CH: 60.00to 90.00	1	30			0.35	10.50		
	CH: 90.00 to 109.5	1	19.5			0.35	6.83		
	Deduct for Shoulder Drain	-1	2.8			0.35	-0.98		
						0.35	0.00		
	Concrete Road 1 RHS					0.35	0.00		
	CH: 00.00 to 30.00	1	30			0.35	10.50		
	CH: 30.00 to 60.000	1	30			0.35	10.50		
	CH: 60.00to 90.00	1	30			0.35	10.50		
	CH: 90.00 to 118.6	1	28.6			0.35	10.01		
	Deduct for Shoulder Drain	-1	3.6			0.35	-1.26		
	Concrete Road 2 LHS								
	CH: 00.00 to 10.00	1	10			0.35	3.50		
	CH: 10.00 to 11.00	0	1			0.35	0.00		
	CH: 11.00 to 15.70	1	4.7			0.35	1.65		
	CH: 15.70 to 16.80	0	1.1			0.35	0.00		
	CH: 16.80 to 24.90	1	8.1			0.35	2.84		
	CH: 24.90 to 25.70	0	0.8			0.35	0.00		
	CH: 25.70 to 27.70	1	2			0.35	0.70		
	CH: 27.70 to 34.30	0	6.6			0.35	0.00		
	CH: 34.30 to 45.80	1	11.5			0.35	4.03		
	CH: 45.80 to 46.80	0	1			0.35	0.00		
	CH: 46.80 to 69.90	1	23.1			0.35	8.09		
	CH: 69.90 to 77.70	0	7.8			0.35	0.00		
	CH: 77.70to 92.70	1	15			0.35	5.25		
	Concrete Road 2 RHS								
	CH: 00.00 to 30.00	1	30			0.35	10.50		
	CH: 30.00 to 60.000	1	30			0.35	10.50		
	CH: 60.00to 90.00	1	30			0.35	10.50		
	CH: 90.00 to 91.80	1	1.8			0.35	0.63		
	Deduct Opening	-1	1.5			0.35	-0.53		
		SQM			Present Qty		713.48	89.00	63499.3

A.E.E 13/8/2021

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Asst. Executive Engineer,
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Measurement :

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty		
	Detailed Measurements								
10	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to(P No-176,I No-22.6.1)								
	FOR CC Roads	CUM							
	Concretre Road 1								
	CH: 00.00 to 30.00	(5+5/2)	1	30	5	0.15	22.50		
	CH: 30.00 to 60.000	(5+5/2)	1	30	5	0.15	22.50		
	CH: 60.00to 90.00	(5+5/2)	1	30	5	0.15	22.50		
	CH: 90 to 111 5	(5+5/2)	1	21.5	5	0.15	16.13		
	CH: 111.5 to 118.6	(4.5+4/2)	1	7.1	4.25	0.1	3.02		
	Concretre Road 2								
	CH: 00.00 to 30.00	(10+10/2)	1	30	10	0.15	45.00		
	CH: 30.00 to 60.000	(10+9.8/2)	1	30	9.9	0.15	44.55		
	CH: 60.00to 90.00	(9.8+10/2)	1	30	9.9	0.15	44.55		
	Entrance Triangle Portion		0.5	5	4.1	0.1	1.03		
	In front of Building		1	25.4	12.1	0.1	30.73		
			1	20.4	19.2	0.1	39.17		
	Around Vehicle Maintainance Ramp		1	7.5	12.6	0.15	14.18		
			1	13.3	23.1	0.15	46.08		
	Deductions								
	Ramp		-1	3.8	4.9	0.15	-2.79		
	Culvert		-1	4.4	1.2	0.15	-0.79		
	Tree		-1	1	1.2	0.15	-0.18		
	STP area		-1	6.4	6.4	0.15	-6.14		
			-1	2.9	4	0.15	-1.74		
	Ramp Room & Tank area		-1	5.9	2.6	0.15	-2.30		
		CUM			Present Qty		337.98	5314.12	1796060.96

11-01-2024

CRTE

A.E.E 11/01/2024

Contractor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Measurement :

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty		
	Detailed Measurements								
15	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading premixed with bituminous binder and filler transporting the hot mix to work site laying with a paver finisher to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision as per IRC SP-53-2015 using 40-60 TPH capacity HMP with mechanical paver grading II 30-45mm with 5.4 of modified bituminus binder consisting of 4.97 of VG-30 bitumen 60 70 grade and 0.43 of plastomeric thermoplastics waste plastic P No171 I No21.78.12								6-01-21
		CUM							
	For Asphalting, Main Road								
	CH: 00.00 to 8.10	(7.9+7.9/2)	1	8.1	7.9	0.03	1.92		
	CH: 8.10 to 15.40	(7.0+7.0/2)	1	7.3	7	0.03	1.53		
	CH: 15.40 to 19.80	(5.50+5.50/2)	1	4.4	5.5	0.03	0.73		
	CH: 19.80 to 49.80	(7.25+7.25/2)	1	30	7.25	0.03	6.53		
	CH:49.80 to 63.80	(7.25+7.25/2)	1	14	7.25	0.03	3.05		
	CH: 63.80 to 74.30	(7.25+11.9/2)	1	10.5	9.6	0.03	3.02		
	CH: 74.30 to 104.30	(11.90+12.30/2)	1	30	12.1	0.03	10.89		
	CH: 104.30 to 134.3	(12.30+12.40/2)	1	30	12.35	0.03	11.12		
	CH: 134.30 to 164.30	(12.40+12.40/2)	1	30	12.4	0.03	11.16		
	CH: 164.30 to 194.30	(12.40 +12.40/2)	1	30	12.4	0.03	11.16		
	CH: 194.30 to 224.30	(12.40+12.25/2)	1	30	12.33	0.03	11.10		
	CH: 224.30 to 254.30	(12.25+12.40/2)	1	30	12.33	0.03	11.10		
	CH: 254.30 to 284.30	(12.40+12.40/2)	1	30	12.4	0.03	11.16		
	CH: 284.30 to 314.30	(12.4+12.40/2)	1	30	12.4	0.03	11.16		
	CH: 314.30 to 344.30	(12.40+12.40/2)	1	30	12.4	0.03	11.16		
	CH: 344.30 to 370.80	(12.40 +13.5/2)	1	26.5	12.95	0.03	10.30		
	Deduct								
	Gate Column		-2	0.6	0.6	0.03	-0.02		
	Man Hole		-1	1.7	1.7	0.03	-0.09		
	Main Road Median LHS								
	CH: 00.00 to 30.00	(6.2+5.5/2)	1	30	5.85	0.03	5.27		
	CH: 30.00 to 60.000	(5.5+5.9/2)	1	30	5.7	0.03	5.13		
	CH: 60.00to 81.50	(5.9+6.5/2)	1	21.5	6.2	0.03	4.00		
	Main Road Median RHS								
	CH: 00.00 to 30.00	(6.1+5.3/2)	1	30	5.7	0.03	5.13		
	CH: 30.00 to 60.000	(5.3+5.9/2)	1	30	5.6	0.03	5.04		
	CH: 60.00to 87.50	(5.9+5.8/2)	1	27.5	5.85	0.03	4.83		
	Main Road After Median								
	CH: 00.00 to 30.00	(16.3+13.8/2)	1	30	15.05	0.03	13.55		
	CH: 30.00 to 60.000	(13.8+12.9/2)	1	30	13.35	0.03	12.02		
	CH: 60.00to 90.00	(12.9+12.5/2)	1	30	12.7	0.03	11.43		
	CH: 90.00 to 120.00	(12.5+12.3/2)	1	30	12.4	0.03	11.16		
	CH: 120.00 to 150.00	(12.3+12.5/2)	1	30	12.4	0.03	11.16		

6/01/2021

A.E.E

21/01/2021

SHRIYA CONSTRUCTIONS

	CH: 150.00 to 179.00	(12.5+12.5/2)	1	29	12.5	0.03	10.88		
	Main Rod End Portion		1	18.3	15.4	0.03	8.45		
	Deduct Circle		-1	pi*r^2 (3.14*6^2)		0.03	-0.03		
	First Left Road LHS								
	CH: 00.00 to 30.00	(7.1+7.0/2)	1	30	7.05	0.03	6.35		
	CH: 30.00 to 54.000	(7.0+7.1/2)	1	24	7.05	0.03	5.08		
	First Left Road RHS								
	CH: 00.00 to 30.00	(7.0+7.0/2)	1	30	7	0.03	6.30		
	CH: 30.00 to 53.50	(7.0+7.3/2)	1	23.5	7.15	0.03	5.04		
	End Portion		1	17	8	0.03	4.08		
	Second Left Road								
	CH: 00.00 to 30.00	(6.8+6.8/2)	1	30	6.8	0.03	6.12		
	CH: 30.00 to 35.3	(6.8+6.9/2)	1	5.3	6.85	0.03	1.09		
		CUM			**Present Qty**		**269.01**	**7096.45**	**1908984.08**

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(DUIP Yhk. Zn)
Yelahanka, Bangalore

Name of Work:-Developments of Roads and Drains at PDMS Premises (Police driving and Maintenance School) in ward No-01 of Yelahanka Sub division.

Date of Measurement :

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
	Detailed Measurements						
16	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)	CUM					
	Main Road Full Length						
	CH: 00.00 to 30.00		2	5	30	0.1	7.50
	CH: 30.00 to 60.000		2	5	30	0.1	7.50
	CH: 60.00to 90.00		4		30	0.1	12.00
	CH: 90.00 to 120.00		4		30	0.1	12.00
	CH: 120.00 to 150.00		4		30	0.1	12.00
	CH: 150.00 to 180.00		4		30	0.1	12.00
	CH: 180.00 to 210.00		4		30	0.1	12.00
	CH: 210.00 to 240.00		4		30	0.1	12.00
	CH: 240.00 to 270.00		4		30	0.1	12.00
	CH: 270.00 to 300.00		4		30	0.1	12.00
	CH: 300.00 to 330.00		4		30	0.1	12.00
	CH: 330.00 to 360.00		4		30	0.1	12.00
	CH:360.00to 390.00		4		30	0.1	12.00
	CH: 390.00 to 420.00		4		30	0.1	12.00
	CH: 420.00 to 450.00		4		30	0.1	12.00
	CH: 450.00to 480.00		4		30	0.1	12.00
	CH: 480.00 to 510.00		4		30	0.1	12.00
	CH: 510.00 to 540.00		4		30	0.1	12.00
	CH: 540.00 to 570.00		4		30	0.1	12.00
	CH: 570.00 to 600.00		4		30	0.1	12.00
	Main Road Centre (Median Portion one side						
	CH: 370.00 to 455.00		2		85	0.1	17.00
	First Left LHS						
	CH: 00.00 to 30.00		2.5		30	0.1	7.50
	CH: 30.00 to 60.000		2.5		30	0.1	7.50
	CH: 60.00to 68.50		2.5		8.5	0.1	2.13
	First Left RHS						
	CH: 00.00 to 30.00		2.5		30	0.1	7.50
	CH: 30.00 to 60.000		2.5		30	0.1	7.50
	CH: 60.00to 73.30		2.5		13.3	0.1	3.33
	Second Left						
	CH: 00.00 to 30.00		2.5		30	0.1	7.50
	CH: 30.00 to 45.70		2.5		15.7	0.1	3.93
	CH: 45.70 to 51.60		2.5		5.9	0.1	1.48
	CH: 51.60 to 70.80		2.5		19.2	0.1	4.80
	CH: 70.80 to 74.50		2.5		3.7	0.1	0.93
	CH: 74.50 to 94.00		2.5		19.5	0.1	4.88

11-01-21

A.E.E

SHIVA CONSTRUCTION AND

		CUM			Present Qty		306.95	477.25	146491.89

Contractor PMC Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison
(Bommenahalli Zone)
Yelahanka, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY